Generation of Electricity Through Coal

†2229. SHRI RAJ MOHINDER SINGH:
SHRI BALWANT SINGH RAMOOWALIA:

Will the Minister of POWER be pleased to state:

(a) whether it is a fact that as in India electricity is generated through coal in other countries of the world also;

(b) if so, the percentage of electricity generated through coal out of the total electricity generation in India, Poland, America, Germany, China, Japan and England;

(c) whether the cost of electricity generation through coal in these countries is less in comparison to India; and

(d) if so, the cost of electricity generation in each of the above countries?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRIMATI JAYAWANTI MEHTA): (a) Yes, Sir.

(b) The percentage of electricity generated through coal out of the total electricity generated during the year 1997 in following seven countries including India is as follows:—

Country	Electricity from Coal (%)
India	73.13
Poland	96.00 (1998)
America	53.83
Germany	53.47
China	74.20
Japan	19.05
England	34.88

(*Source:* I.E.A. Statistics Publication)

(c) and (d) The average cost of coal based electricity generation of various power utilities in India during the year 1997-98 is given in attached Statement-I (See below). To the extent information available, the cost of coal based generation in U.S.A. from 1981—1995 is given in attached Statement-II (See below).

†Original notice of the question was received in Hindi.

Statement-I

Average Cost of Generation of Thermal Power Stations of various SEBs during the Year 1997-98

Sl. No.	Name of SEBs	Average Cost of Generation (P/Kwh)
1.	APSEB	117.71
2.	MSEB	*124.10
3.	HARYANA VIDYUT PRASARAN NIGAM LTD.	212.56
4.	GEB	162.02
5.	MPEB	122..59
6.	TNEB	175.60
7.	UPSEB	160.14
8.	WBSEB	135.10
9.	PSEB	164.11
10.	RSEB	169.60
11.	KARNATAKA E.B.	**259.12

*Average Cost of Thermal and Gas.
**Karnataka E.B. is having D.G. sets.

Statement-II

Average cost of coal Based Electricity Generation in U.S.A. from 1981—1995

Year	(US cents/Kwh)* Coal (Steam)
1981	3.389
1982	3.455
1983	3.352
1984	3.229
1985	3.130
1986	2.928
1987	2.713
1988	2.535
1989	2.411
1990	2.363
1991	2.279
1992	2.159
1993	2.097
1994	2.009
1995	1.908

*Constant 1996 US dollars
Source : Energy Information Administration. Department of Energy.